

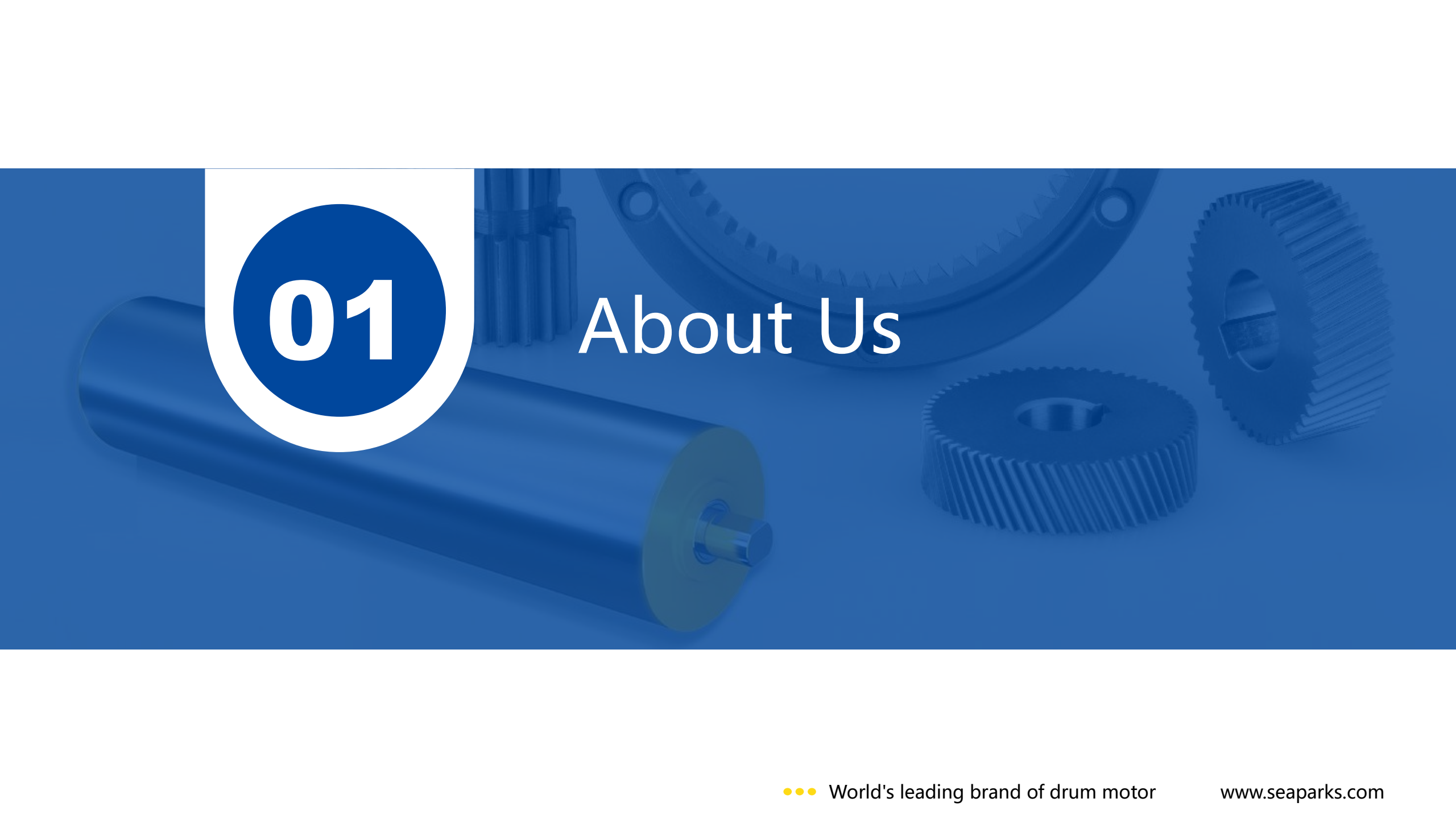
www.seaparks.com



World's Leading Brand of
Drum Motor

Content
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- 01 About us
- 02 Product & Applications
- 03 Manufacturing capability
- 04 Quality control



01

About Us



Establishment

23+ years

Empoyees

Total: 400

R&D Engineers: 30

2022-2025 Revenue

\$ 46.2M (22)

\$ 54.6M (23)

\$ 58.8M (24)

\$ 78.7M (25)

Total Customer Count

2000+

Worldwide Market Standing

China: Core Component Production Base

US

India

Turkey

Vietnam

Building Strategic Partnerships Overseas



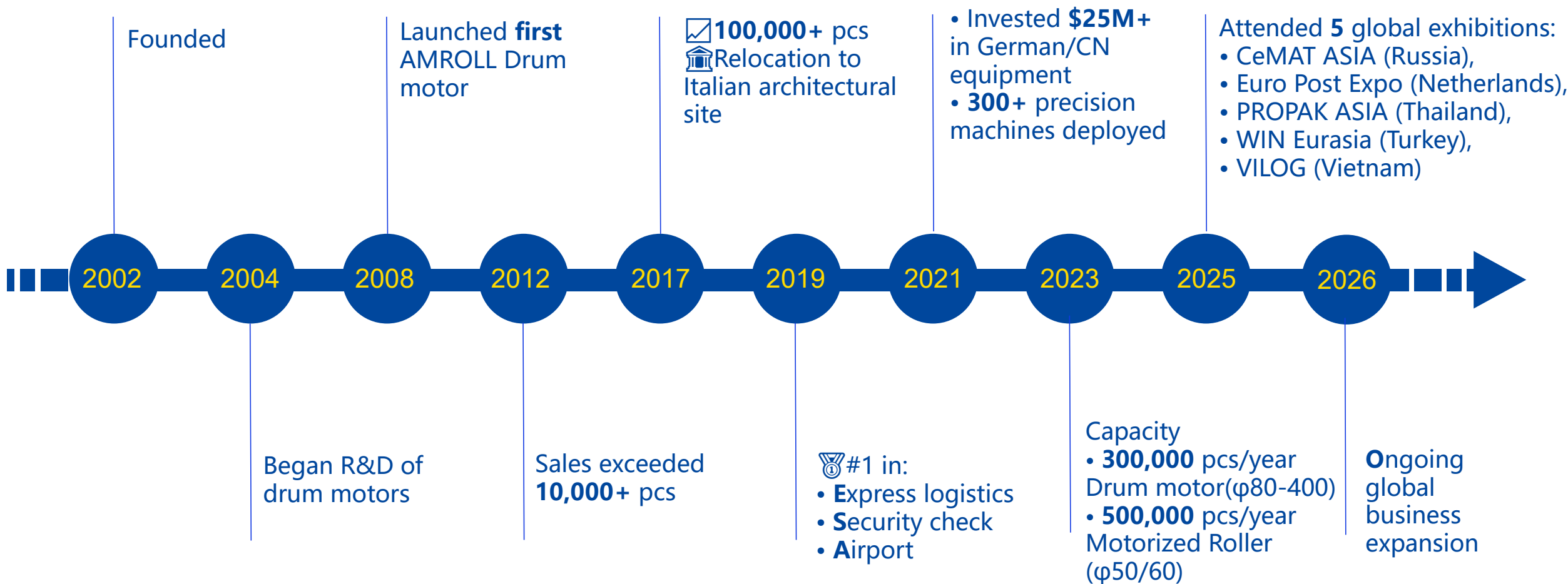
Headquarters, Beichen factory, **34,000 sqm** (8 Standard Workshops)
Production/Assembling/Storage of Drum Motor Components



Branch, Ninghe factory, **26,000 sqm** (5 Workshops)
Production of Motor & Motorized Roller Components



Development Timeline





Corporate Purpose

In the manufacturing of drum motors, there is a long-term commitment to technological innovation and design, with a strong emphasis on product consistency and manufacturing details.

A central graphic consisting of a solid blue circle with the word 'SEAPARKS' in white capital letters. This circle is surrounded by two concentric dotted circles, with a thin blue line and dots indicating a circular path or flow.

SEAPARKS

Brand essence

An orange circular icon containing a white silhouette of a head with a diamond shape inside, representing ideas or brand essence.

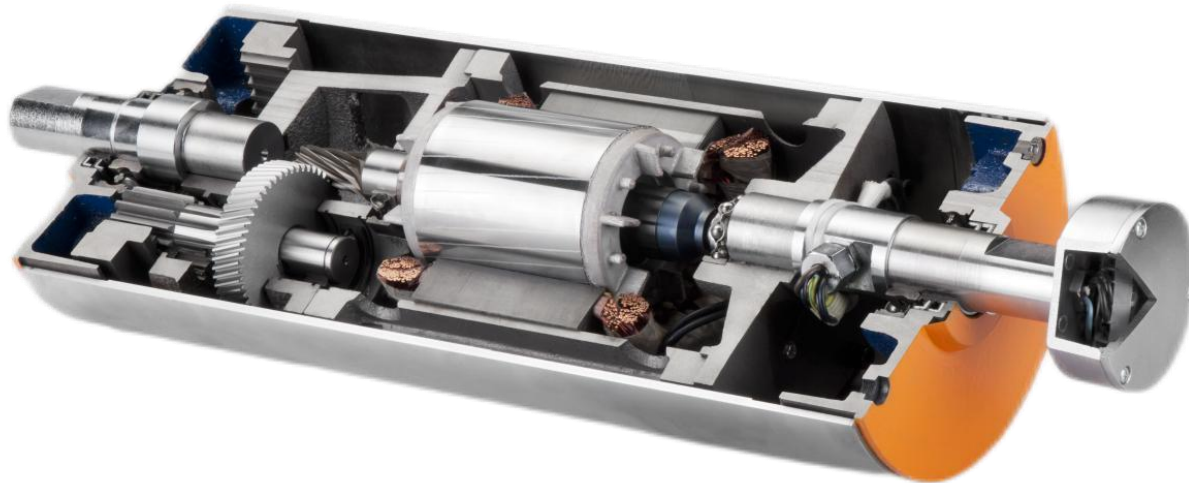
"Top quality, low cost, energy-saving and efficiency" is the eternal essence of our brand.

02

Product & Applications



What is a drum motor?



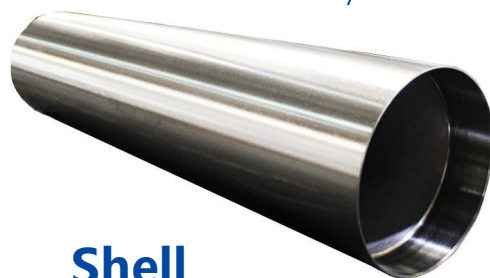
- A drum motor is a conveyor drive unit where the motor, gear drive, and all moving parts are enclosed within the drum.
- The motor and gears operate in sealed oil, ensuring proper lubrication and cooling.
- Because there are no external motors, gear reducers, sprockets, chains, or chain guards, external component maintenance is not required.



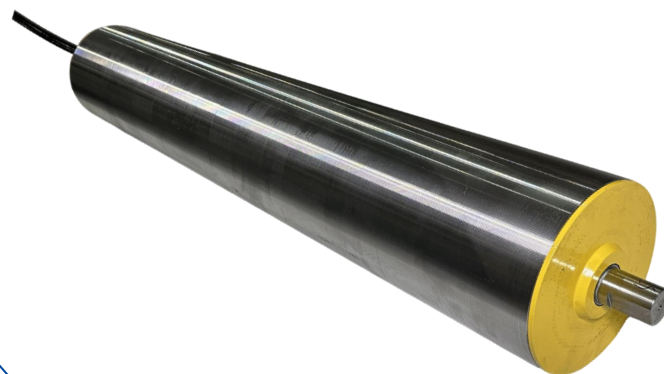
Components



Front & Rear
End Caps



Shell



Oil



Gear box



(Stator
Assembly)



(Rotor
assembly)

Asynchronous motor



Principle

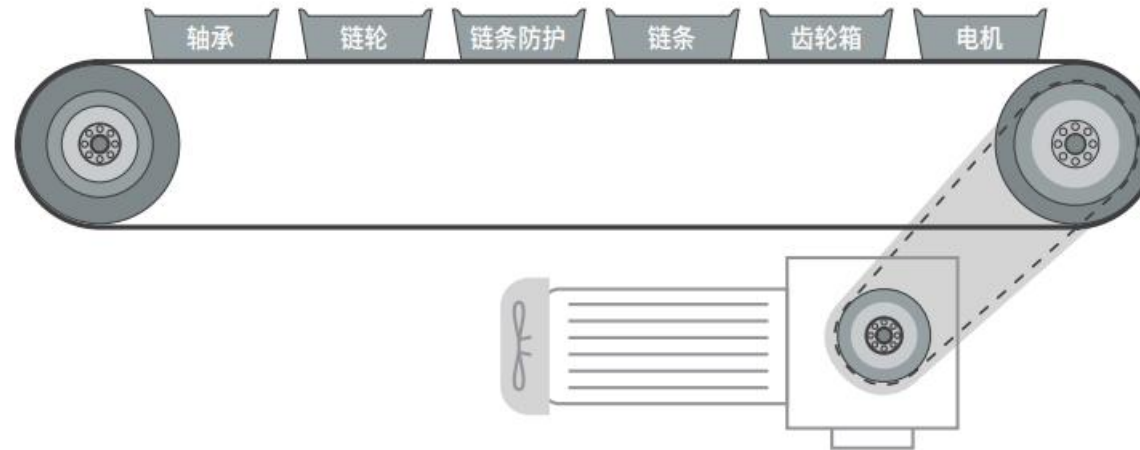
SEAPARKS

Fully sealed
Single drive



TRADITIONAL

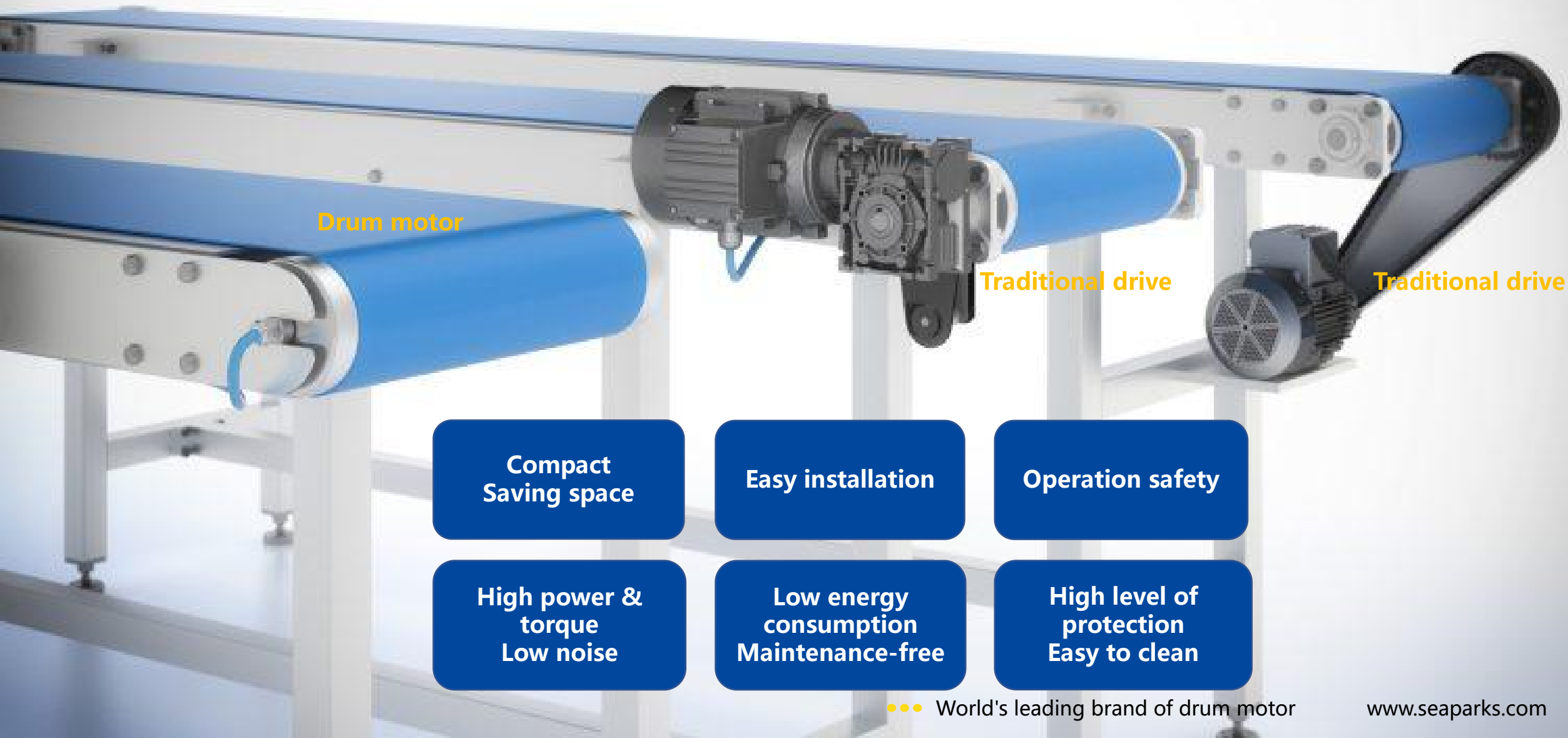
Exposed operation
Multi-component drive



In comparison with traditional drive system, Seaparks drum motor can transmit the power directly from motor to the surface of the roller, as a result, it can shorten the transmission process greatly and increase the working efficiency of drum motor to 97% and save energy by up to 30% as well.



Advantages of drum motor



Drum motor

Traditional drive

Traditional drive

Compact
Saving space

Easy installation

Operation safety

**High power &
torque**
Low noise

**Low energy
consumption**
Maintenance-free

**High level of
protection**
Easy to clean



Product Overview



BELT DRIVE

TM/DM A	80	113	138					Light duty
TM/DM F	80	113	138	165	216			Sanitary duty
TM/DM H	138	165	216	270	320	400		Heavy duty
TMHK	216	270	320	400				Crusher& Screener
TMM	80	113						Polymer gear
DXZ	80	113	138	165	216			Planetary gear
DNZ	80	100	113	138				Planetary gear
DG	80	113	138					Gear-free



Being developed
Being developed

Belt Conveyor Drive

ROLLER DRIVE

PR	50	60						Box convey
TP	76	80	89					Pallet convey



Roller Conveyor Drive & Roller

ROLLER

	38	50	60	76	80	89		Roller conveyor
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Oil-filled Drum Motor

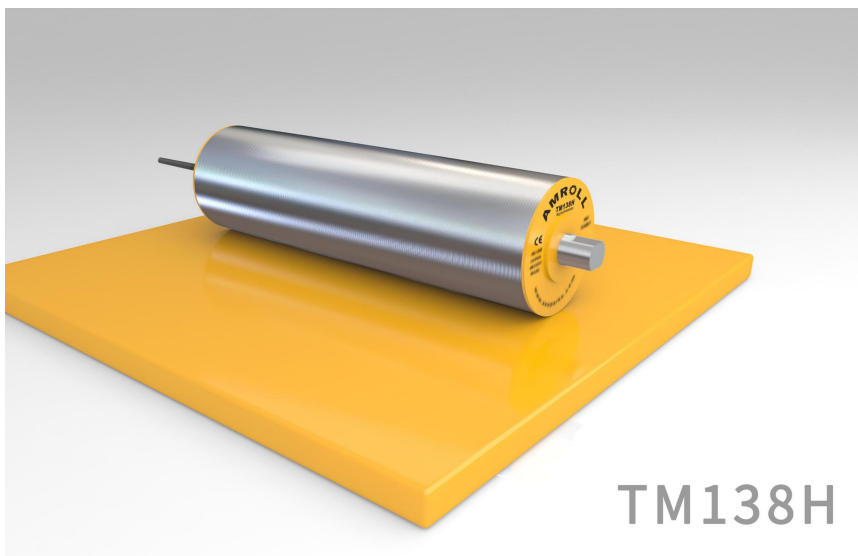


Application: Belt Conveyor Drive

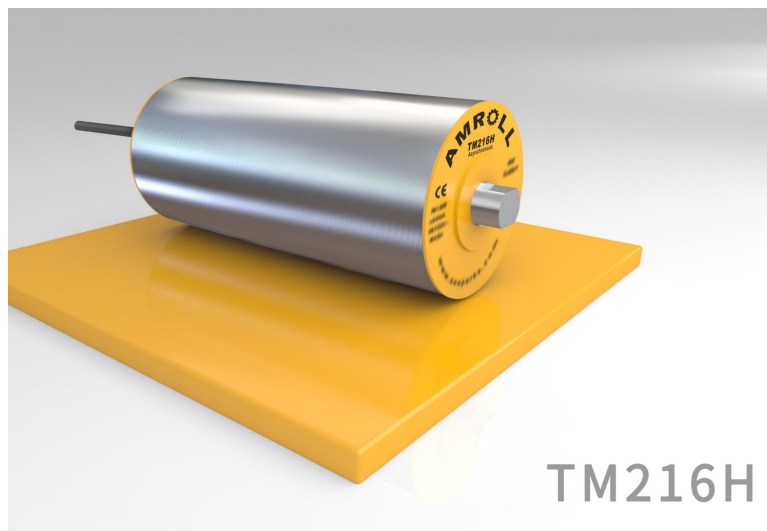
Asynchronous TM Series

TM -H Heavy Duty

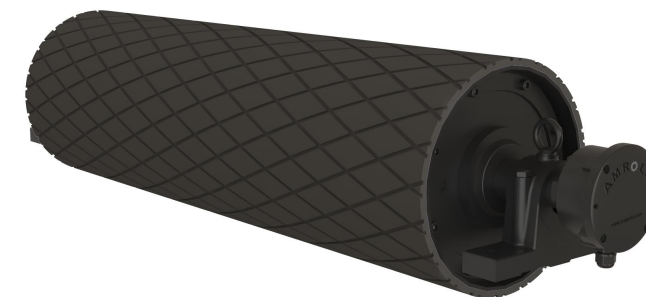
$\varnothing 100/138/165/216/270/320/400$



TM138H



TM216H



TM -400HK

Gearbox material: cast iron

Shell and shaft material: carbon steel

End cover material: carbon steel



Express & e-commerce industry



Heavy duty series

Year	Milestone
2012	Logistics debut
2024	650,000 pcs Total sales (#1 rank in China)

Typical customers:



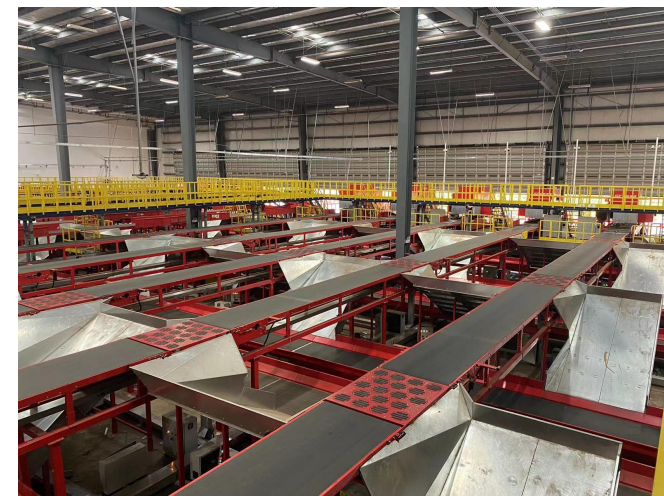
SF



JD



J&T





Agricultural/Crushing/Screening industry



Heavy duty series

2024
New application:
Crushing/Screening

Typical customers:



Cofco

MESDA

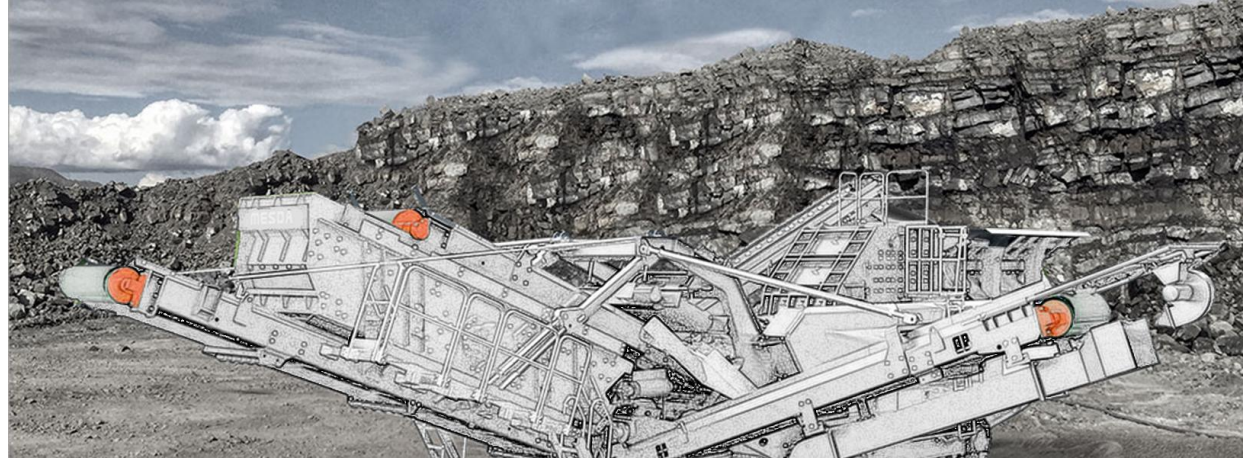
Mesda

SUNWARD

Sunward



Sany group





Oil-filled Drum Motor

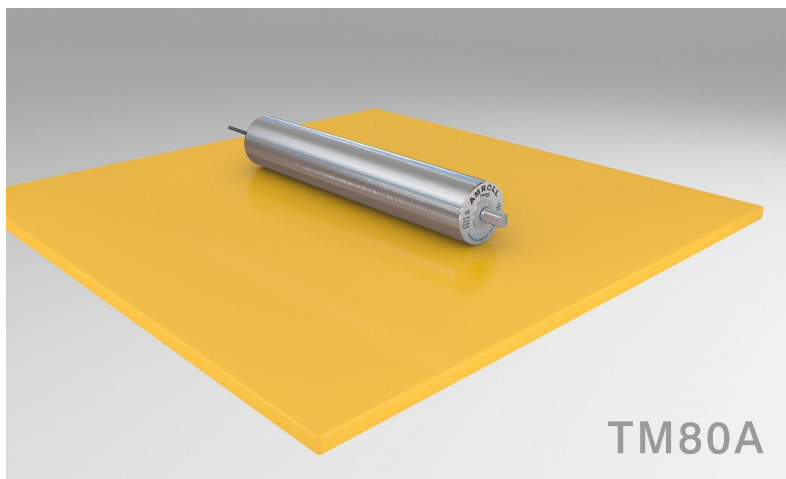


Application: Belt Conveyor Drive

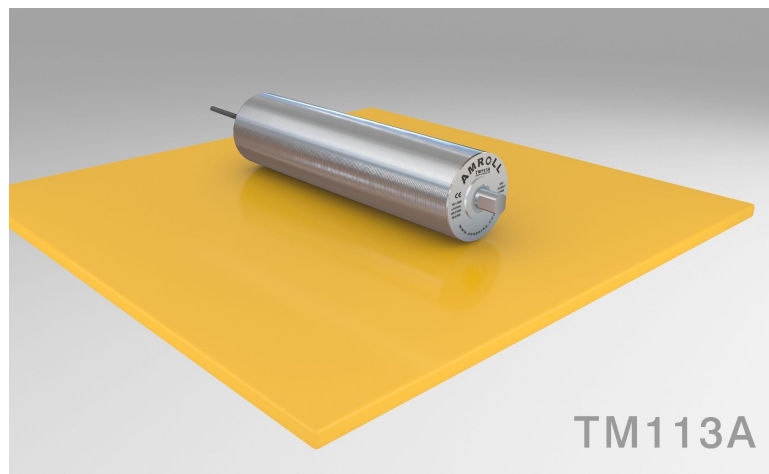
Asynchronous TM Series

TM -A Light Duty

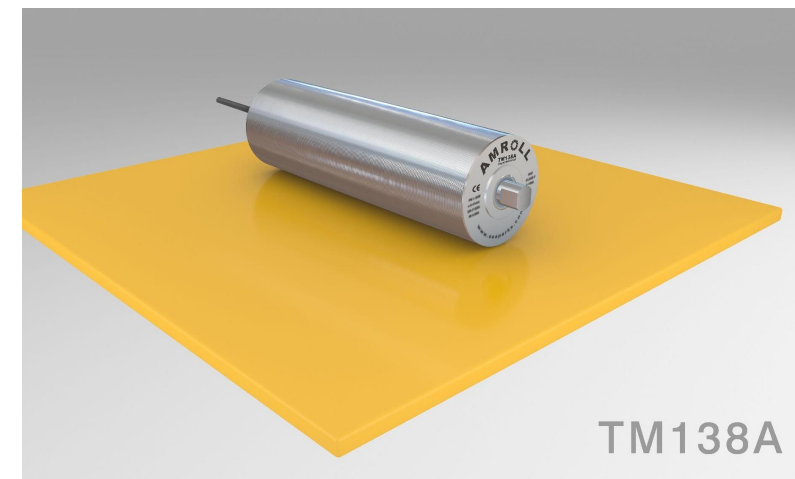
φ80/113/138



TM80A



TM113A



TM138A

Gearbox material: cast aluminum

Shell and shaft material: carbon steel

End cap material: cast aluminum



Security check industry



Light duty series

Year	Milestone
2008	Security check debut
2024	80,000 pcs Total sales (#1 rank in China)

Typical customers:



Smiths



Nuctech



Hikvision





Airport industry



Light duty series

Year	Milestone
2008	Airport debut
2024	50,000 pcs Total sales (#1 rank in China)

Typical customers:

SIEMENS

Siemens



Beumer

VANDERLANDE

Vanderlande





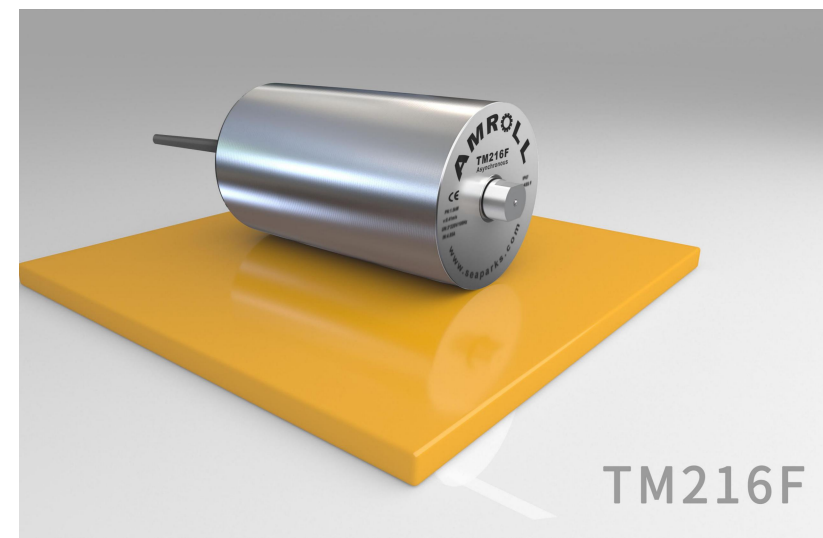
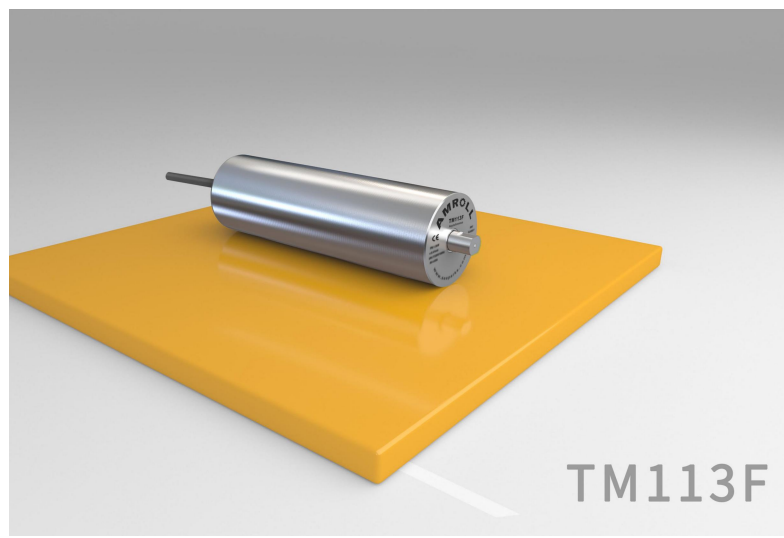
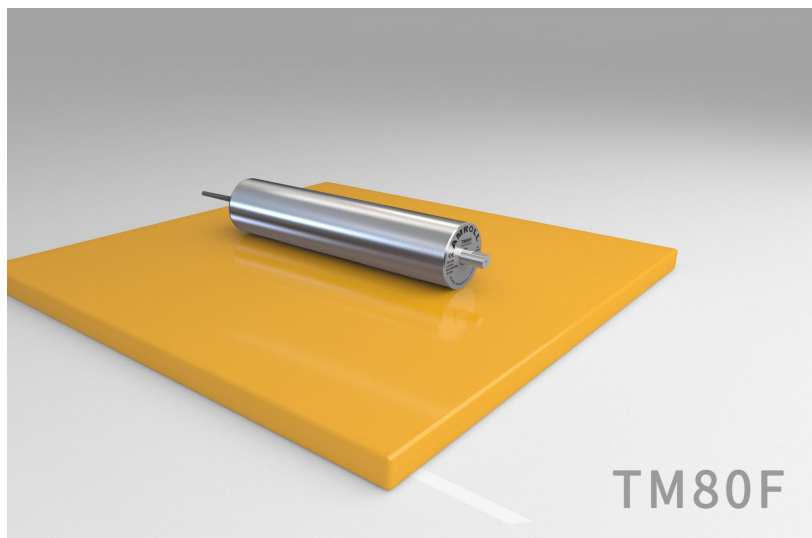
Oil-filled Drum Motor



Application: Belt Conveyor Drive

Asynchronous TM Series

TM -F Sanitary ϕ 80/113/138/165/216



Gearbox material: cast iron

Shell and shaft material: stainless steel

End cover material: stainless steel



Food industry



Sanitary series

2024

 IP69K certified
(Max Protection)

Typical customers:



Nestle



McDonald's



CP Foods





Oil-filled Drum Motor



Application: Belt Conveyor Drive



Asynchronous TM Series

TM -M Checkout Series for supermarket

φ80/113

Gearbox material: **polymer gear**

Shell and shaft material: **carbon steel**

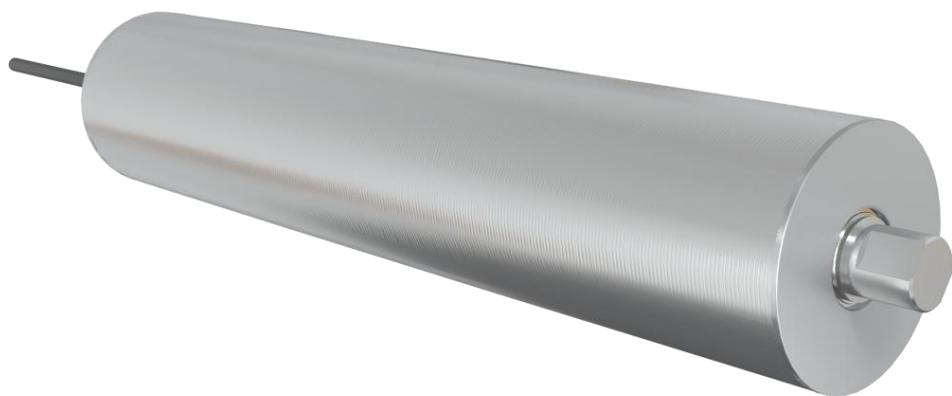
End cap material: **cast aluminum**



Oil-free Drum Motor



Application: Belt Conveyor Drive



SPARKS-Approved/ Food-Grade Series

Synchronous DM Series

DX -Z Oil-free Series

φ80/113/138

Planetary gear structure

Gearbox material: cast iron

Shell and shaft material: stainless steel

End cap material: stainless steel



Oil-free Drum Motor



Application: Belt Conveyor Drive



Synchronous DM Series

DX -157T Oil-free Series

Tobacco Industry Specific

Planetary gear structure

Gearbox material: cast iron

Shell and shaft material: stainless steel

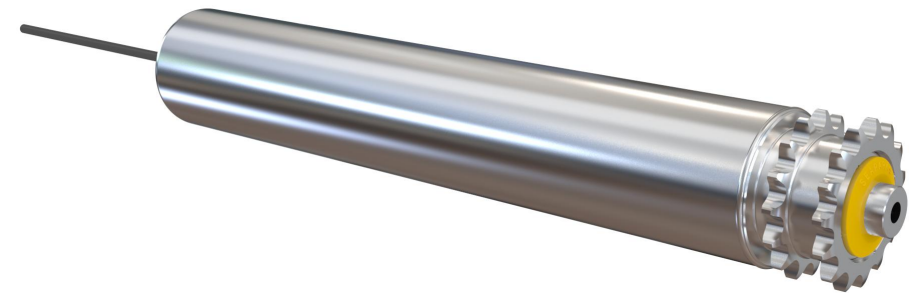
End cap material: stainless steel



Application: Roller Conveyor



DP/TP -80/89 For Pallet Conveyor



φ80/89



Application: Roller Conveyor



PR 50/60 For Container Conveyor



φ50/60



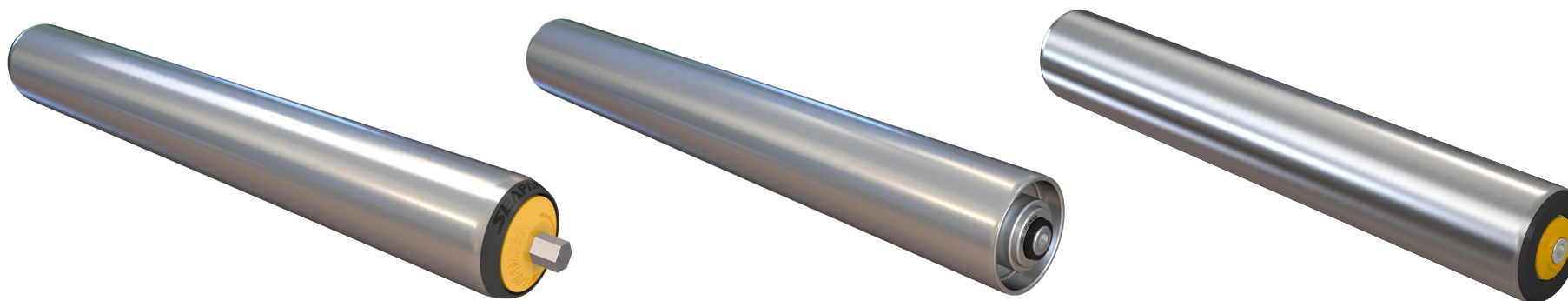
Conveyor Roller



Application: Roller Conveyor

Conveyor Roller

L150/M120/M170/H120/H145





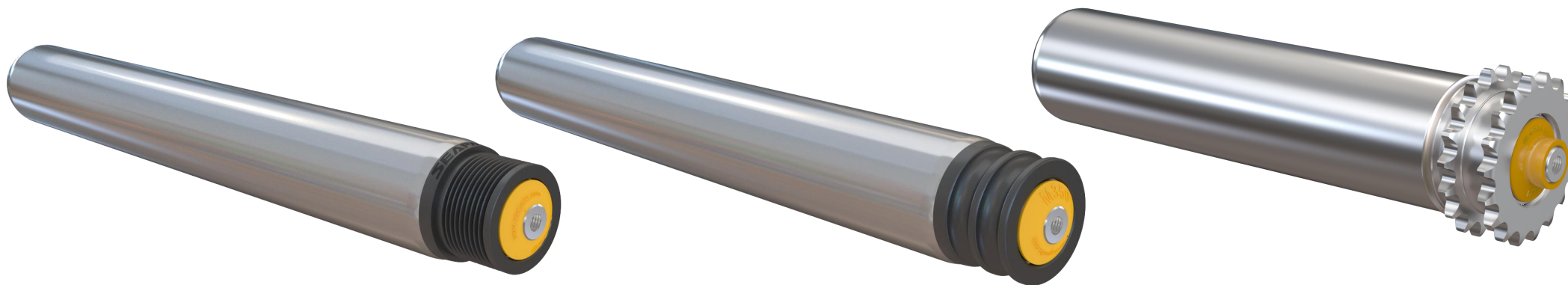
Conveyor Roller



Application: Roller Conveyor

Conveyor Roller

M350/H395





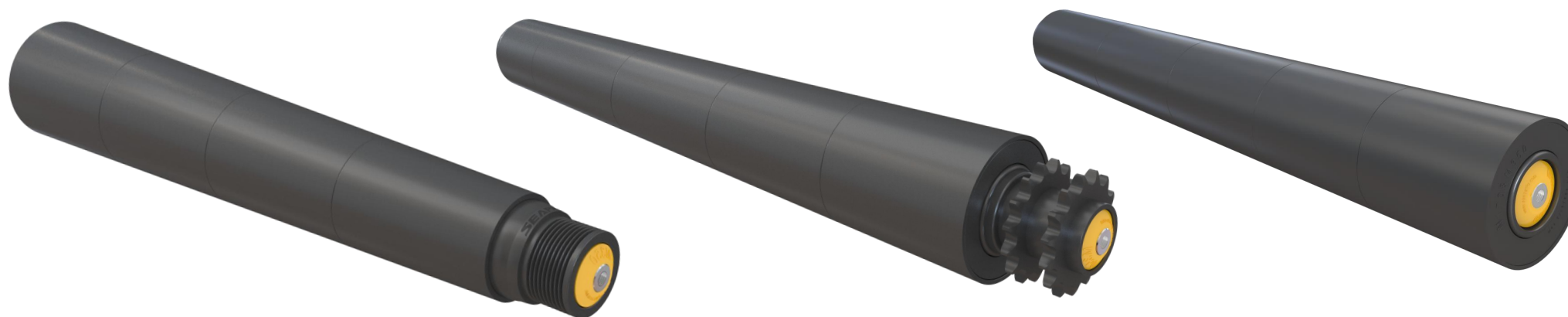
Conveyor Roller



Application: Roller Conveyor

Curve Conveyor Roller

CM170/CM350





Controller



Application: General



24VDC Controller



24V/48V DC Controller



48VDC Controller



1-phase VFD



3-phase VFD

03

Manufacturing capability



High-Precision Gear Machining Equipment

Precision Gear Production

⚙️ 10+ **German/Swiss** machines
(Gleason/Reishauer)

📐 Module 0.5-4

🎯 Grade 4 accuracy





High-Efficiency Automated Production Line



Precision Turning

🌐 20+ Mazak/Haas/Hardinge

🏭 60+ Local CNC Units

🤖 20+ Automation lines



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Internal Warehousing & Overseas Expansion

Internal Warehousing

Delivery Capacity Boost

- +2 AUTOMHA AS/RS Systems
- 4,000 Bays @1.2T Each
- Supports 15K-20K Drum motors

Overseas Warehousing Plan

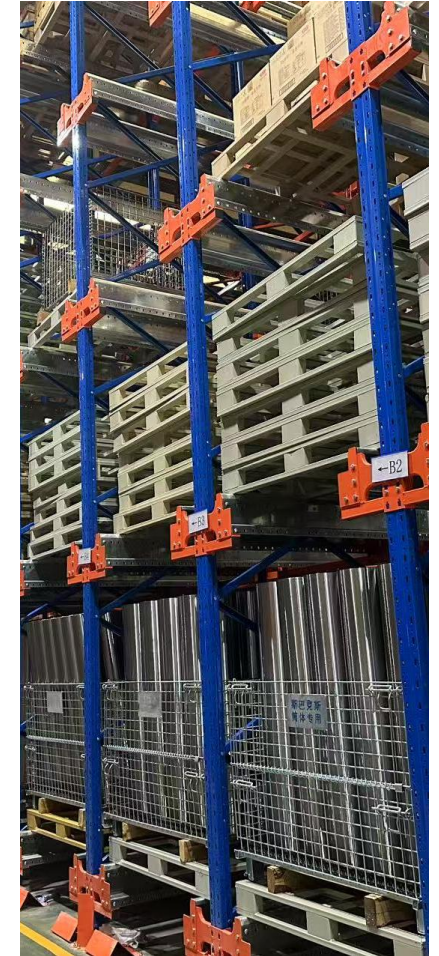
Strategic Component Partnerships

✓ Operational:

- Turkey (Mideast coverage)
- Australia

✕ Negotiating:

- Denmark (European hub)
- Vietnam & Brazil



04

Quality Control



Quality Assurance System



We have a comprehensive and continuously improving quality assurance system.

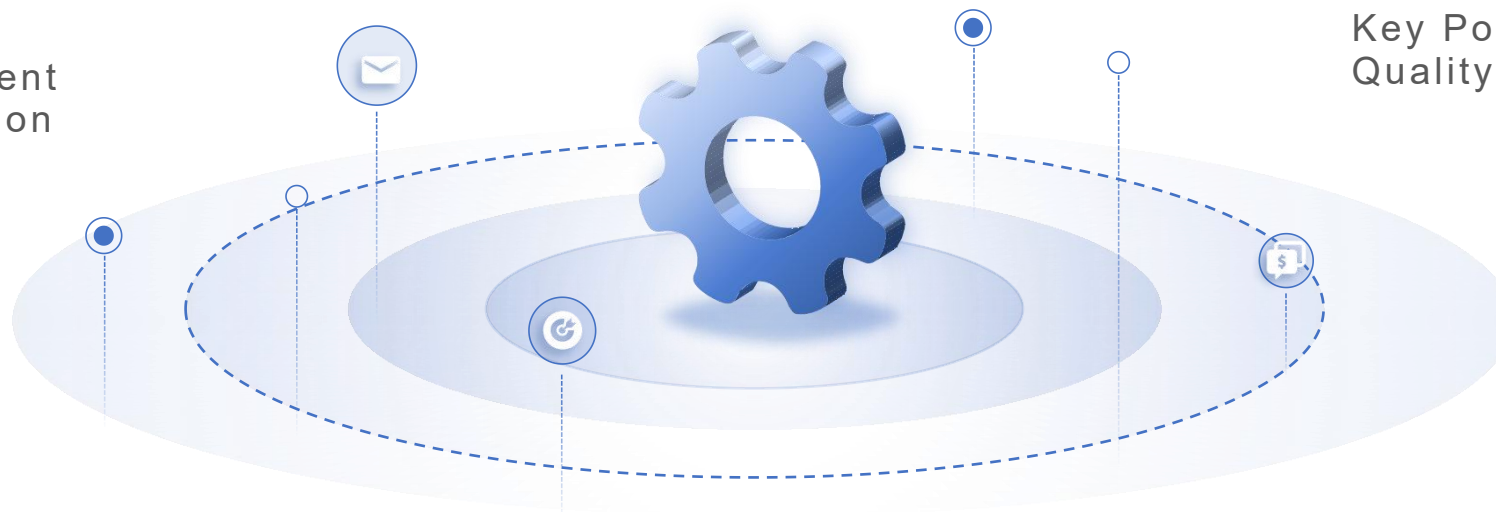
Main measuring instruments
and equipment

Quality Inspection Test
Organizational Structure

Quality Requirements
Transfer Flowchart

Quality Management
System Certification

Key Point Analysis of
Quality Control





Key Measurement Capabilities



Gear Measurement Capability

► Precision Range

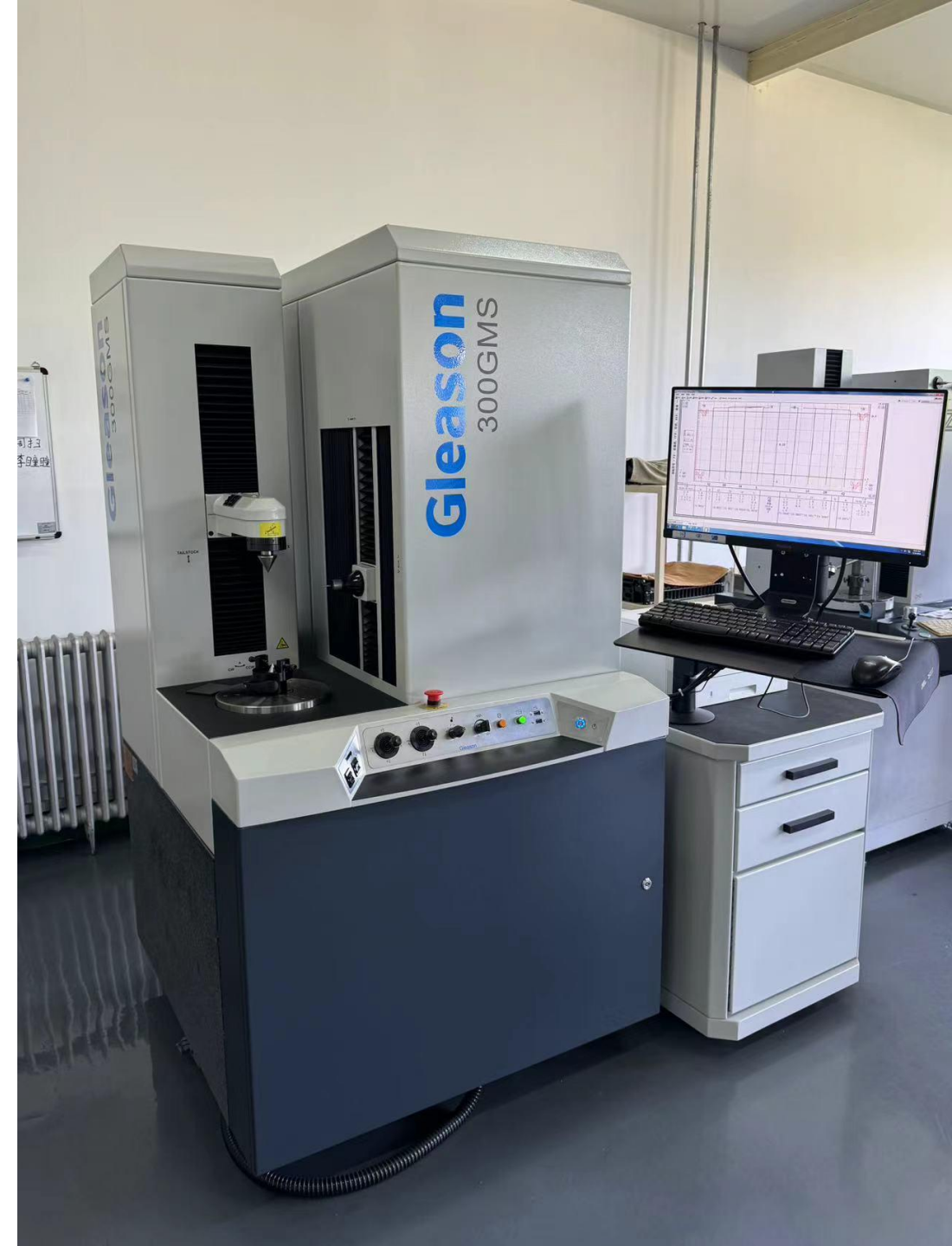
- Module 0.2 (Micro gears) → 1.5 (Standard)
- Surface finish analysis



► Workpiece Capacity

 450mm (Max length)

 Ø300mm (Max diameter)





Key Functional Inspection



Machining first piece inspection



Machining patrol inspection



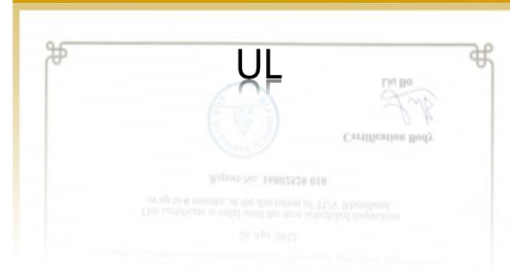
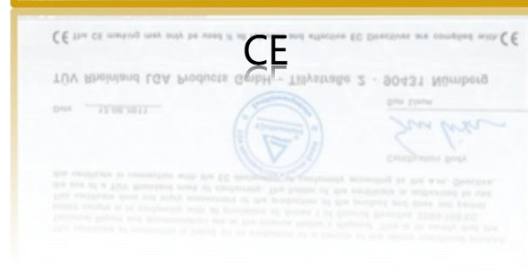
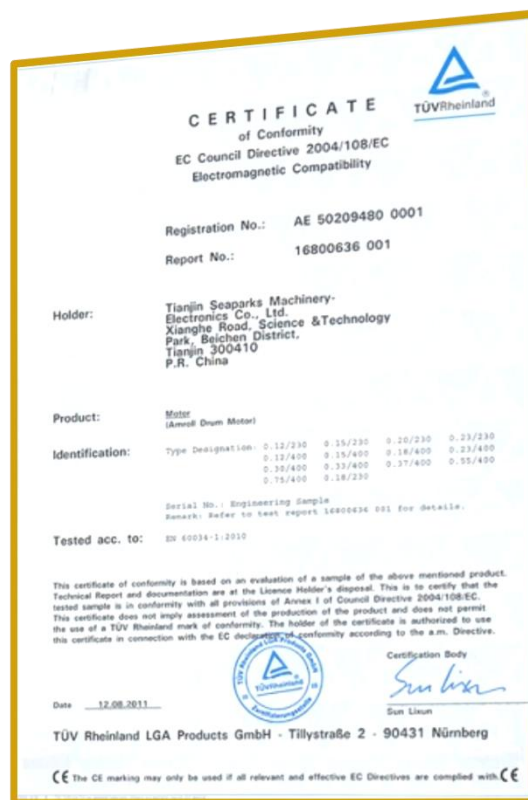
Noise inspection



Voltage & Current inspection



Certification







Win-win cooperation

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